

Kunzler & Associates

8 East Broadway
Suite 600
Salt Lake City, UT 84111
Phone (801) 994-4646
Fax (801) 531-1929

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Date: March 17, 2004
Fax: (703) 872-9306
To: U.S. Patent and Trademark Office
From: Brian C. Kunzler
Re: Patent application No. 10/040,061

Number of Pages including cover: 5

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Comments:

Confirmation Copy to follow by mail

KUNZLER & ASSOCIATES

Brian C. Kunzler
David J. McKenzie
REGISTERED PATENT ATTORNEYS

Steven F. McDaniel
Jeffrey T. Holman
Scott A. Thorpe
David T. Cornaby
REGISTERED PATENT AGENTS

Patent Trademark & Copyright Law

A Professional Corporation
8 East Broadway, Suite 600
Salt Lake City, Utah 84111
TEL: (801) 994-4646
FAX: (801) 531-1929
Provo: (801) 373-3311
Logan: (435) 752-2488
EMAIL: kunzler@utahpatentlaw.com

March 4, 2004

Michael W. Starkweather ♦
OF COUNSEL

Daniel A. Hopkinson
J. Scott Karren
Bruce R. Needham
Morgan B. Adair
TECHNICAL CONSULTANTS

♦ Admitted in Wisconsin

Via Facsimile: (703) 872-9306

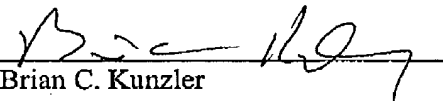
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: U.S. Patent Application Serial No.: 10/040,061
Title: A SPIN-VALVE SENSOR WITH PINNING
LAYERS COMPRISING MULTIPLE
ANTIFERROMAGNETIC FILMS
Filed: January 4, 2002
Inventor: Tsann Lin
Your Ref.: SJO920000145US1
Our Ref.: 1200.2.25

Dear Sir:

Attached is a Petition for an Extension of Time for the above referenced patent application. A Notice of Appeal has been sent separately for this application, by first class mail. Please accept this Petition for an Extension of Time.

Respectfully submitted,



Brian C. Kunzler

Reg. No. 38,527

Attorney for Applicants

Date: March 17, 2004
8 East Broadway, Suite 600
Salt Lake City, UT 84111
Telephone (801) 994-4646
Fax (801) 322-1054

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PATENT

IN THE UNITED STATES

OFFICIAL

PATENT AND TRADEMARK OFFICE

APPLICANT(S): TSANN LIN ET AL.

SERIAL No.: 10/040,061

FILING DATE: JANUARY 4, 2002

TITLE: SPIN-VALVE SENSOR WITH PINNING LAYERS
COMPRISING MULTIPLE ANTIFERROMAGNETIC
FILMS

EXAMINER: VIVEK D. KOPPIKAR

GROUP ART UNIT: 3626

ATTY. DKT. No.: SJO9-00-145

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON THE DATE SHOWN BELOW:

DATED:

3/17/04

BY:

BRIAN C. KUNZLER, REG. NO.: 38,527

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

PETITION FOR EXTENSION OF TIME

SIR:

APPLICANT HEREBY PETITIONS FOR AN EXTENSION OF TIME OF

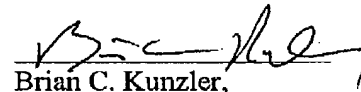
TERM OF EXTENSION	SMALL ENTITY	OTHER THAN A SMALL ENTITY
<input type="checkbox"/> 1 MONTH	<input type="checkbox"/> \$ 55.00	<input type="checkbox"/> \$ 110.00
<input checked="" type="checkbox"/> 2 MONTHS	<input type="checkbox"/> \$210.00	<input checked="" type="checkbox"/> \$ 420.00
<input type="checkbox"/> 3 MONTHS	<input type="checkbox"/> \$475.00	<input type="checkbox"/> \$ 950.00
<input type="checkbox"/> 4 MONTHS	<input type="checkbox"/> \$740.00	<input type="checkbox"/> \$1,480.00

for responding to the Patent Office communication mailed October 20, 2003

PATENT

Enclosed herewith is payment in the amount of \$420.00 for the fee for the extension of time, calculated as indicated above.

Respectfully submitted,



Brian C. Kunzler,

Reg. No.: 38,527

Attorney for Applicant

Dated: March 17, 2004

8 East Broadway, Suite 600
Salt Lake City, Utah 84111
(801) 994-4646
(801) 531-1929 Fax

Please type a plus sign (+) inside this box ☐

PTO/SB/05 (12/97)
Approved for use through 8/30/03. OMB 0851-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Note: Effective October 1, 2001.
Patent fees are subject to annual revision.

Complete If Known

TOTAL AMOUNT OF PAYMENT		\$ 420	Application Number	10/040,061
			Filing Date	January 4, 2002
			First Named Inventor	Tsann Lin
			Group Art Unit	3828
			Examiner Name	Vivek Kopplkar
			Attorney Docket Number	SJO920000145US1

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																							
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: <u>09-0466</u> Deposit Account Name: <u>IBM CORPORATION</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>2053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2520</td> <td>1812</td> <td>2520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1840*</td> <td>1805</td> <td>1840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td>420</td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2010</td> <td>2255</td> <td>1005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1510</td> <td>1451</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - 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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Brian C. Kunzler		Reg. Number	38,527
Signature		Date		Deposit Account	Usor ID
		Mar 17, 2004			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450.